

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD2060_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 2060 has the O&M Manual on file.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD2060_01_f_2014_7				
Comment Code					
Inspector Comment					
RD 2060 has emergency supplies on hand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2060_01_s_2012_12				
Comment Code					
Inspector Comment					
RD 2060 has trained staff for a flood fight.					

No Photos

LM Start	0.30	Rating **	M	Issue No.	57
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.247623 °	38.247623 °	
			-121.701642 °	-121.701642 °	
DWR ID	DWR_RD2060_01_s_2018_57				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree trunk was hauled out of water in 2017. Should be removed from waterside berm.					

Photo 1 of 1 : SP_2018_RD2060_241_57_20180328_00146.jpg



Remove tree trunk from waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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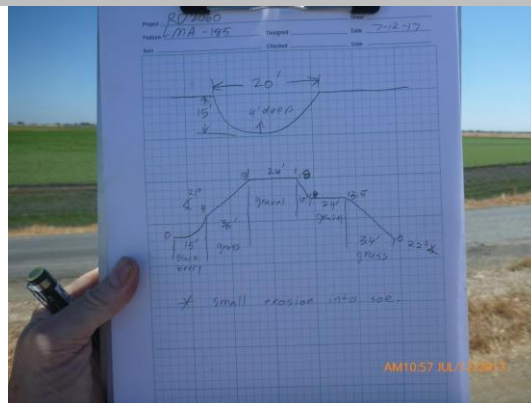
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	0.40	Rating **	M	Issue No.	5 (cont)					
LM End	0.40	Issue Type +	Ma	Location *						
Category	Supplemental		GPS Latitude/Longitude							
			Start	End						
Item	2017 Storm Damage		38.247894 °	38.247911 °						
			-121.703492 °	-121.703539 °						
DWR ID	DWR_RD2060_01_f_2017_5									
Comment Code										
Inspector Comment										
Levee Evaluation Comments Description: Erosion commences approximately 3/4 of the way down the slope, near the water line towards the waterside toe. Site ID No: 358 Site Designation: LMA-185 Repair Type: Erosion Rating: Area of Concern Field Date: 7/12/2017 Notes: Small erosion into bank.										

Photo 5 of 6 : SP_2018_RD2060_241_5_20180305_00005.jpg



Photo 6 of 6 : SP_2018_RD2060_241_5_20180305_00006.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	0.41	Rating **	M	Issue No.	8
LM End	0.42	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.248036 °	38.248017 °	
			-121.703539 °	-121.703789 °	

DWR ID DWR_RD2060_01_f_2017_8

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences approximately halfway down the water side slope extending in to existing rip rap. Existing rip rap appears to have been pulled off in this section.

Site ID No: 359

Site Designation: LMA-186

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/12/2017

Notes: Site had riprap but is eroded away. Minor erosion in toe of levee.

LM Start	0.41	Rating **	M	Issue No.	8 (cont)
LM End	0.42	Issue Type +	Ma	Location *	

Photo 1 of 3 : SP_2018_RD2060_241_8_20180305_00007.jpg



Photo 2 of 3 : SP_2018_RD2060_241_8_20180305_00008.jpg



* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	0.41	Rating **	M	Issue No.	8 (cont)	
LM End	0.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.248036 °	38.248017 °	
				-121.703539 °	-121.703789 °	
DWR ID	DWR_RD2060_01_f_2017_8					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences approximately halfway down the water side slope extending in to existing rip rap. Existing rip rap appears to have been pulled off in this section.						
Site ID No:359						
Site Designation:LMA-186						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/12/2017						
Notes: Site had riprap but is eroded away. Minor erosion in toe of levee.						

Photo 3 of 3 : SP_2018_RD2060_241_8_20180305_00009.jpg



LM Start	0.75	Rating **	M	Issue No.	9
LM End	0.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.249314 °	38.249400 °
				-121.709461 °	-121.709608 °
DWR ID	DWR_RD2060_01_f_2017_9				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: Erosion commences approximately halfway down the water side slope extending in to existing rip rap. Erosion is concentrated near the waterline. Existing rip rap appears to have been pulled off in this section.					
Site ID No: 360					
Site Designation: LMA-187					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/12/2017					
Notes: Erosion looks old but has progressed this year.					

Photo 1 of 3 : SP_2018_RD2060_241_9_20180305_00010.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	0.75	Rating **	M	Issue No.	9 (cont)
LM End	0.76	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.249314 °	38.249400 °	
			-121.709461 °	-121.709608 °	
DWR ID	DWR_RD2060_01_f_2017_9				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Erosion commences approximately halfway down the water side slope extending in to existing rip rap. Erosion is concentrated near the waterline. Existing rip rap appears to have been pulled off in this section.</p> <p>Site ID No: 360</p> <p>Site Designation: LMA-187</p> <p>Repair Type: Erosion</p> <p>Rating: Area of Concern</p> <p>Field Date: 7/12/2017</p> <p>Notes: Erosion looks old but has progressed this year.</p>					

Photo 2 of 3 : SP_2018_RD2060_241_9_20180305_00011.jpg



Photo 3 of 3 : SP_2018_RD2060_241_9_20180305_00012.jpg



* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	0.92	Rating **	M	Issue No.	10
LM End	0.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.250875 °	38.250953 °
				-121.711942 °	-121.712078 °
DWR ID	DWR_RD2060_01_f_2017_10				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description:Sloughing commences approximately halfway down the water side slope. Site ID No:361 Site Designation:LMA-188 Repair Type: Erosion Rating:Area of Concern Field Date:7/12/2017 Notes: Minor sloughing, mostly riprap has moved down the slope and into channel.					

Photo 1 of 4 : SP_2018_RD2060_241_10_20180305_00013.jpg



LM Start	0.92	Rating **	M	Issue No.	10 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 2 of 4 : SP_2018_RD2060_241_10_20180305_00014.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	0.92	Rating **	M	Issue No.	10 (cont)
LM End	0.93	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.250875°	38.250953°	
			-121.711942°	-121.712078°	

DWR ID DWR_RD2060_01_f_2017_10

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Sloughing commences approximately halfway down the water side slope.

Site ID No: 361

Site Designation: LMA-188

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/12/2017

Notes: Minor sloughing, mostly riprap has moved down the slope and into channel.

LM Start	0.92	Rating **	M	Issue No.	10 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 3 of 4 : SP_2018_RD2060_241_10_20180305_00015.jpg



Photo 4 of 4 : SP_2018_RD2060_241_10_20180305_00016.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.04	Rating **	M	Issue No.	15
LM End	1.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.251058 °	38.250872 °
				-121.714050 °	-121.714792 °
DWR ID	DWR_RD2060_01_f_2017_15				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately 3/4 of the way down the water side slope concentrated at the waterline.					
Site ID No:362					
Site Designation:LMA-189					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/12/2017					
Notes: Erosion due to lack of revetment. Erosion ends at riprap downstream. Vertical cut at summer wse.					

Photo 1 of 3 : SP_2018_RD2060_241_15_20180305_00017.jpg



Photo 2 of 3 : SP_2018_RD2060_241_15_20180305_00018.jpg



LM Start	1.04	Rating **	M	Issue No.	15 (cont)
LM End	1.08	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.09	Rating **	M	Issue No.	16 (cont)
LM End	1.10	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.250844 °	38.250833 °	
			-121.714944 °	-121.714994 °	
DWR ID	DWR_RD2060_01_f_2017_16				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences approximately halfway down the water side slope extending to the toe.

Site ID No: 363

Site Designation: LMA-190

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/12/2017

Notes: Small erosion up to high water line. Cuts into slope with 6' vertical cut.

Photo 2 of 3 : SP_2018_RD2060_241_16_20180305_00021.jpg



Photo 3 of 3 : SP_2018_RD2060_241_16_20180305_00022.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.22	Rating **	A/W	Issue No.	17	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.251186 °	38.251289 °	
				-121.717114 °	-121.717264 °	
DWR ID	DWR_RD2060_01_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences approximately 1/4 of the way down the water side slope extending to the toe.						
Site ID No:364						
Site Designation:LMA-191						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/12/2017						
Notes: Very deep erosion that extends halfway into slope. Intact riprap on both sdes of erosion. Rated serious but could be critical if erosion cuts deep into prism.						

Photo 1 of 3 : SP_2018_RD2060_241_17_20180305_00023.jpg



Photo 2 of 3 : SP_2018_RD2060_241_17_20180305_00024.jpg



LM Start	1.22	Rating **	A/W	Issue No.	17 (cont)
LM End	1.23	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.22	Rating **	A/W	Issue No.	17 (cont)	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.251186 °	38.251289 °	
				-121.717114 °	-121.717264 °	
DWR ID	DWR_RD2060_01_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences approximately 1/4 of the way down the water side slope extending to the toe.						
Site ID No:364						
Site Designation:LMA-191						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/12/2017						
Notes: Very deep erosion that extends halfway into slope. Intact riprap on both sdes of erosion. Rated serious but could be critical if erosion cuts deep into prism.						

Photo 3 of 3 : SP_2018_RD2060_241_17_20180305_00025.jpg



LM Start	1.39	Rating **	A/W	Issue No.	20
LM End	1.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.251886 °	38.252619 °
				-121.719933 °	-121.722842 °
DWR ID	DWR_RD2060_01_f_2017_20				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the water side slope extending to the toe.					
Site ID No:365					
Site Designation:LMA-192					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/12/2017					
Notes: Several deep narrow cuts into levee, but mostly minor erosion at highwater line.					

Photo 1 of 3 : SP_2018_RD2060_241_20_20180305_00026.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.39	Rating **	A/W	Issue No.	20 (cont)
LM End	1.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.251886 °	38.252619 °
				-121.719933 °	-121.722842 °
DWR ID	DWR_RD2060_01_f_2017_20				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the water side slope extending to the toe.					
Site ID No:365					
Site Designation:LMA-192					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/12/2017					
Notes: Several deep narrow cuts into levee, but mostly minor erosion at highwater line.					

Photo 2 of 3 : SP_2018_RD2060_241_20_20180305_00027.jpg



Photo 3 of 3 : SP_2018_RD2060_241_20_20180305_00028.jpg



LM Start	1.39	Rating **	A/W	Issue No.	20 (cont)
LM End	1.56	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.45	Rating **	A/W	Issue No.	11
LM End	1.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.252013 °	38.252013 °
				-121.720945 °	-121.720945 °
DWR ID	DWR_RD2060_01_s_2017_11				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Waterside slope slump from 2017 has not moved since discovered. Initial cause was clay materials, cattle and wet weather. Continue to monitor.					

No Photos

LM Start	1.46	Rating **	A/W	Issue No.	13
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.252038 °	38.252070 °
				-121.721212 °	-121.721440 °
DWR ID	DWR_RD2060_01_s_2017_13				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Waterside slope slump from 2017 has not moved since discovered. Initial cause was clay materials, cattle and wet weather. Continue to monitor.					

No Photos

LM Start	1.49	Rating **	A/W	Issue No.	14
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.252130 °	38.252130 °
				-121.721637 °	-121.721637 °
DWR ID	DWR_RD2060_01_s_2017_14				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Waterside slope slump from 2017 has not moved since discovered. Initial cause was clay materials, cattle and wet weather. Continue to monitor.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.81	Rating **	A/W	Issue No.	21
LM End	1.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.255972 °	38.256247 °
				-121.724197 °	-121.724464 °
DWR ID	DWR_RD2060_01_f_2017_21				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the water side slope extending to the toe. Some slipping into the toe has occurred due to deep erosion.					
Site ID No:366					
Site Designation:LMA-193					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/12/2017					
Notes: Erosion extends halfway into the slope.					

Photo 1 of 3 : SP_2018_RD2060_241_21_20180305_00029.jpg



LM Start	1.81	Rating **	A/W	Issue No.	21 (cont)
LM End	1.84	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_241_21_20180305_00030.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.81	Rating **	A/W	Issue No.	21 (cont)
LM End	1.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.255972 °	38.256247 °
				-121.724197 °	-121.724464 °
DWR ID	DWR_RD2060_01_f_2017_21				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the water side slope extending to the toe. Some slipping into the toe has occurred due to deep erosion.					
Site ID No:366					
Site Designation:LMA-193					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/12/2017					
Notes: Erosion extends halfway into the slope.					

Photo 3 of 3 : SP_2018_RD2060_241_21_20180305_00031.jpg



LM Start	1.90	Rating **	M	Issue No.	22
LM End	1.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.257208 °	38.257842 °
				-121.724619 °	-121.724694 °
DWR ID	DWR_RD2060_01_f_2017_22				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the water side slope extending to the toe. Some slipping into the toe has occurred.					
Site ID No:367					
Site Designation:LMA-194					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/12/2017					
Notes: Minor crackingobserved below the hinge point and minor erosion at levee toe.					

Photo 1 of 3 : SP_2018_RD2060_241_22_20180305_00032.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	1.90	Rating **	M	Issue No.	22 (cont)
LM End	1.95	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.257208 °	38.257842 °	
			-121.724619 °	-121.724694 °	
DWR ID	DWR_RD2060_01_f_2017_22				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences approximately halfway down the water side slope extending to the toe. Some slipping into the toe has occurred.
Site ID No: 367

Site Designation: LMA-194

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/12/2017

Notes: Minor cracking observed below the hinge point and minor erosion at levee toe.

LM Start	1.90	Rating **	M	Issue No.	22 (cont)
LM End	1.95	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_241_22_20180305_00033.jpg



Photo 3 of 3 : SP_2018_RD2060_241_22_20180305_00034.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	2.10	Rating **	A/W	Issue No.	23
LM End	2.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.259317 °	38.259258 °
				-121.726314 °	-121.726939 °
DWR ID	DWR_RD2060_01_f _ 2017_23				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the water side slope extending to the rip rap.					
Site ID No:368					
Site Designation:LMA-195					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/13/2017					
Notes: Erosion appears to be previously repaired, but has failed again.					

Photo 1 of 3 : SP_2018_RD2060_241_23_20180305_00035.jpg



Photo 2 of 3 : SP_2018_RD2060_241_23_20180305_00036.jpg



LM Start	2.10	Rating **	A/W	Issue No.	23 (cont)
LM End	2.13	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

Photo 3 of 3 : SP_2018_RD2060_241_23_20180305_00037.jpg



Photo 1 of 3 : SP_2018_RD2060_241_24_20180305_00038.jpg



* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	2.57	Rating **	M	Issue No.	24 (cont)
LM End	2.60	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.257467 °	38.257286 °	
			-121.734153 °	-121.734683 °	

DWR ID DWR_RD2060_01_f_2017_24

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences approximately halfway down the water side slope. Part of the levee has sloughed down toward the waterline where further erosion occurs.

Site ID No: 369

Site Designation: LMA-196

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/13/2017

Notes: Levee slope is concave due slumping. Erosion at waterline.

LM Start	2.57	Rating **	M	Issue No.	24 (cont)
LM End	2.60	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_241_24_20180305_00039.jpg



Photo 3 of 3 : SP_2018_RD2060_241_24_20180305_00040.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	3.07	Rating **	A/W	Issue No.	25
LM End	3.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260772 °	38.260569 °
				-121.740817 °	-121.741194 °
DWR ID	DWR_RD2060_01_f_2017_25				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion occurs near the waterline. Part of the levee has sloughed down toward the waterline due to erosion.					
Site ID No:370					
Site Designation:LMA-197					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/13/2017					
Notes: Large erosion halfway into levee. Horizontal cracking on slope almost 24"deep.					

Photo 1 of 3 : SP_2018_RD2060_241_25_20180305_00041.jpg



LM Start	3.07	Rating **	A/W	Issue No.	25 (cont)
LM End	3.10	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_241_25_20180305_00042.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	3.07	Rating **	A/W	Issue No.	25 (cont)	
LM End	3.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.260772 °	38.260569 °	
				-121.740817 °	-121.741194 °	
DWR ID	DWR_RD2060_01_f_2017_25					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion occurs near the waterline. Part of the levee has sloughed down toward the waterline due to erosion.						
Site ID No:370						
Site Designation:LMA-197						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/13/2017						
Notes: Large erosion halfway into levee. Horizontal cracking on slope almost 24"deep.						

Photo 3 of 3 : SP_2018_RD2060_241_25_20180305_00043.jpg



LM Start	3.17	Rating **	M	Issue No.	26
LM End	3.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.259925 °	38.259903 °
				-121.742236 °	-121.742281 °
DWR ID	DWR_RD2060_01_f_2017_26				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description:Erosion occurs near the waterline. Site ID No:371 Site Designation:LMA-198 Repair Type: Erosion Rating:Area of Concern Field Date:7/13/2017 Notes: Minor erosion with sloughing. Horizontal cracks 3.5' deep.					

Photo 1 of 3 : SP_2018_RD2060_241_26_20180305_00044.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	3.17	Rating **	M	Issue No.	26 (cont)	
LM End	3.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.259925 °	38.259903 °	
				-121.742236 °	-121.742281 °	
DWR ID	DWR_RD2060_01_f_2017_26					
Comment Code						
Inspector Comment						
Levee Evaluation Comments Description:Erosion occurs near the waterline. Site ID No:371 Site Designation:LMA-198 Repair Type: Erosion Rating:Area of Concern Field Date:7/13/2017 Notes: Minor erosion with sloughing. Horizontal cracks 3.5' deep.						

Photo 2 of 3 : SP_2018_RD2060_241_26_20180305_00045.jpg



Photo 3 of 3 : SP_2018_RD2060_241_26_20180305_00046.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	3.60	Rating **	M	Issue No.	27
LM End	3.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.261469 °	38.261464 °
				-121.748389 °	-121.748442 °
DWR ID	DWR_RD2060_01_f_2017_27				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences halfway down the slope and extends to the toe. Erosion is concentrated at the water line.					
Site ID No:373					
Site Designation:LMA-200					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Small erosion with a narrow deep cut. Heavy veg is protecting the slope.					

Photo 1 of 3 : SP_2018_RD2060_241_27_20180305_00047.jpg



Photo 2 of 3 : SP_2018_RD2060_241_27_20180305_00048.jpg



LM Start	3.60	Rating **	M	Issue No.	27 (cont)
LM End	3.61	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	3.60	Rating **	M	Issue No.	27 (cont)
LM End	3.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.261469 °	38.261464 °
				-121.748389 °	-121.748442 °
DWR ID	DWR_RD2060_01_f_2017_27				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences halfway down the slope and extends to the toe. Erosion is concentrated at the water line.					
Site ID No:373					
Site Designation:LMA-200					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Small erosion with a narrow deep cut. Heavy veg is protecting the slope.					

Photo 3 of 3 : SP_2018_RD2060_241_27_20180305_00049.jpg



LM Start	3.67	Rating **	M	Issue No.	28
LM End	3.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.261181 °	38.261167 °
				-121.749542 °	-121.749592 °
DWR ID	DWR_RD2060_01_f_2017_28				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion is concentrated near the water line.					
Site ID No:374					
Site Designation:LMA-201					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Small narrow and deep cut. May have been caused by a collapsed beaver den.					

Photo 1 of 3 : SP_2018_RD2060_241_28_20180305_00050.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	3.67	Rating **	M	Issue No.	28 (cont)
LM End	3.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.261181 °	38.261167 °
				-121.749542 °	-121.749592 °
DWR ID	DWR_RD2060_01_f_2017_28				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion is concentrated near the water line.					
Site ID No:374					
Site Designation:LMA-201					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Small narrow and deep cut. May have been caused by a collapsed beaver den.					

Photo 2 of 3 : SP_2018_RD2060_241_28_20180305_00051.jpg



Photo 3 of 3 : SP_2018_RD2060_241_28_20180305_00052.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.28	Rating **	A/W	Issue No.	29
LM End	4.28	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.260992°	38.261017°	
			-121.759806°	-121.759847°	

DWR ID DWR_RD2060_01_f_2017_29

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences halfway down the slope and extends to the toe. Erosion is concentrated at the water line.

Site ID No: 376

Site Designation: LMA-203

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/13/2017

Notes: Could not get to erosion due to dense veg. Possibly a deep narrow cut.

LM Start	4.28	Rating **	A/W	Issue No.	29 (cont)
LM End	4.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : SP_2018_RD2060_241_29_20180305_00053.jpg



Photo 2 of 3 : SP_2018_RD2060_241_29_20180305_00054.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.28	Rating **	A/W	Issue No.	29 (cont)	
LM End	4.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.260992 °		38.261017 °
				-121.759806 °		-121.759847 °
DWR ID	DWR_RD2060_01_f_2017_29					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences halfway down the slope and extends to the toe. Erosion is concentrated at the water line.						
Site ID No:376						
Site Designation:LMA-203						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/13/2017						
Notes: Could not get to erosion due to dense veg. Possibly a deep narrow cut.						

Photo 3 of 3 : SP_2018_RD2060_241_29_20180305_00055.jpg



LM Start	4.40	Rating **	M	Issue No.	30
LM End	4.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260850 °	38.260425 °
				-121.761875 °	-121.762861 °
DWR ID	DWR_RD2060_01_f_2017_30				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion/sloughing commences approximately halfway down the slope. Erosion is concentrated mostly near the water line and has resulting in slippage of the slope.					
Site ID No:377					
Site Designation:LMA-204					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: large cut is 100' of 320' site. Large cut is 12' vertical and the rest is 6'.					

Photo 1 of 3 : SP_2018_RD2060_241_30_20180305_00056.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.40	Rating **	M	Issue No.	30 (cont)	
LM End	4.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.260850 °	38.260425 °	
				-121.761875 °	-121.762861 °	
DWR ID	DWR_RD2060_01_f_2017_30					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion/sloughing commences approximately halfway down the slope. Erosion is concentrated mostly near the water line and has resulting in slippage of the slope.						
Site ID No:377						
Site Designation:LMA-204						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/13/2017						
Notes: large cut is 100' of 320' site. Large cut is 12' vertical and the rest is 6'.						

Photo 2 of 3 : SP_2018_RD2060_241_30_20180305_00057.jpg



LM Start	4.40	Rating **	M	Issue No.	30 (cont)
LM End	4.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : SP_2018_RD2060_241_30_20180305_00058.jpg



* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.50	Rating **	A/W	Issue No.	31
LM End	4.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.260150 °	38.259939 °	
			-121.763556 °	-121.764064 °	

DWR ID DWR_RD2060_01_f_2017_31

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences approximately 3/4 of the way down the slope. It has resulted in some sloughing.

Site ID No: 378

Site Designation: LMA-205

Repair Type: Erosion

Rating: Serious

Field Date: 7/17/2017

Notes: Deep, wide, vertical cut into slope almost 1/2 way into slope.

LM Start	4.50	Rating **	A/W	Issue No.	31 (cont)
LM End	4.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : SP_2018_RD2060_241_31_20180305_00059.jpg



Photo 2 of 3 : SP_2018_RD2060_241_31_20180305_00060.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.50	Rating **	A/W	Issue No.	31 (cont)	
LM End	4.53	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.260150 °	38.259939 °	
				-121.763556 °	-121.764064 °	
DWR ID	DWR_RD2060_01_f_2017_31					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences approximately 3/4 of the way down the slope. It has resulted in some sloughing.						
Site ID No:378						
Site Designation:LMA-205						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/17/2017						
Notes: Deep, wide, vertical cut into slope almost 1/2 way into sope.						

Photo 3 of 3 : SP_2018_RD2060_241_31_20180305_00061.jpg



LM Start	4.80	Rating **	A/W	Issue No.	32
LM End	4.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260714 °	38.261808 °
				-121.767972 °	-121.768536 °
DWR ID	DWR_RD2060_01_f_2017_32				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: Erosion/sloughing commences approximately halfway down the slope. Erosion is concentrated mostly near the water line and has resulting in slippage of the slope towards the toe.					
Site ID No: 379					
Site Designation: LMA-206					
Repair Type: Erosion					
Rating: Serious					
Field Date: 7/17/2017					
Notes: Several erosions with slumping. Fresh soil indicates active erosion this season. Adjacent slope has riprap. Riprap should be extended along this stretch.					

Photo 1 of 3 : SP_2018_RD2060_241_32_20180305_00062.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.80	Rating **	A/W	Issue No.	32 (cont)
LM End	4.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260714 °	38.261808 °
				-121.767972 °	-121.768536 °
DWR ID	DWR_RD2060_01_f_2017_32				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion/sloughing commences approximately halfway down the slope. Erosion is concentrated mostly near the water line and has resulting in slippage of the slope towards the toe.					
Site ID No:379					
Site Designation:LMA-206					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/17/2017					
Notes: Several erosions with slumping. Fresh soil indicates active erosion this season. Adjacent slope has riprap. Riprap should be extended along this stretch.					

Photo 2 of 3 : SP_2018_RD2060_241_32_20180305_00063.jpg



LM Start	4.80	Rating **	A/W	Issue No.	32 (cont)
LM End	4.88	Issue Type +	Ma	Location *	

Photo 3 of 3 : SP_2018_RD2060_241_32_20180305_00064.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.92	Rating **	M	Issue No.	33
LM End	4.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.262128 °	38.262128 °
				-121.769175 °	-121.769175 °
DWR ID	DWR_RD2060_01_f_2017_33				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion/sloughing commences approximately halfway down the slope. Erosion is concentrated mostly near the water line and has resulting in slippage of the slope into the toe.					
Site ID No:380					
Site Designation:LMA-207					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes: Reduced length of site from 275 to 62. No widespread erosion, just 2 small erosions upstream from adjacent riprap.					

Photo 1 of 3 : SP_2018_RD2060_241_33_20180305_00065.jpg



LM Start	4.92	Rating **	M	Issue No.	33 (cont)
LM End	4.92	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_241_33_20180305_00066.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	4.92	Rating **	M	Issue No.	33 (cont)	
LM End	4.92	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.262128 °	38.262128 °	
				-121.769175 °	-121.769175 °	
DWR ID	DWR_RD2060_01_f_2017_33					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion/sloughing commences approximately halfway down the slope. Erosion is concentrated mostly near the water line and has resulting in slippage of the slope into the toe.						
Site ID No:380						
Site Designation:LMA-207						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/17/2017						
Notes: Reduced length of site from 275 to 62. No widespread erosion, just 2 small erosions upstream from adjacent riprap.						

Photo 3 of 3 : SP_2018_RD2060_241_33_20180305_00067.jpg



LM Start	5.00	Rating **	M	Issue No.	34
LM End	5.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.262636 °	38.262658 °
				-121.770503 °	-121.770547 °
DWR ID	DWR_RD2060_01_f_2017_34				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion is concentrated mostly near the water line and has resulting in slippage of the slope into the toe.					
Site ID No:381					
Site Designation:LMA-208					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes: Extended site from 15' to 75' to include LMA-209. Small erosions will become 1 site next high water due to sloughing between them.					

Photo 1 of 3 : SP_2018_RD2060_241_34_20180305_00068.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	5.00	Rating **	M	Issue No.	34 (cont)
LM End	5.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.262636 °	38.262658 °
				-121.770503 °	-121.770547 °
DWR ID	DWR_RD2060_01_f_2017_34				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion is concentrated mostly near the water line and has resulting in slippage of the slope into the toe.					
Site ID No:381					
Site Designation:LMA-208					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/17/2017					
Notes: Extended site from 15' to 75' to include LMA-209. Small erosions will become 1 site next high water due to sloughing between them.					

Photo 2 of 3 : SP_2018_RD2060_241_34_20180305_00069.jpg



Photo 3 of 3 : SP_2018_RD2060_241_34_20180305_00070.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

LM Start	5.08	Rating **	C	Issue No.	6
LM End	5.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.263157 °	38.263157 °
				-121.771543 °	-121.771543 °
DWR ID	DWR_RD2060_01_s _ 2012_6				
Comment Code					
Inspector Comment					
Repair or replace the cross gate.					

No Photos

LM Start	5.21	Rating **	A/W	Issue No.	18
LM End	6.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.261717 °	38.274012 °
				-121.772152 °	-121.795407 °
DWR ID	DWR_RD2060_01_s _ 2017_18				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	5.67	Rating **	M	Issue No.	19
LM End	5.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.263257 °	38.263257 °
				-121.779758 °	-121.779758 °
DWR ID	DWR_RD2060_01_s _ 2017_19				
Comment Code					
Inspector Comment					
Repair or replace the cross gate.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	03/28/2018 03/28/2018	Keith Millard

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	03/28/2018 03/28/2018	Keith Millard

LM Start	0.12	Rating **	A/W	Issue No.	5
LM End	0.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.276399 °	38.276399 °
				-121.795927 °	-121.795927 °
DWR ID	DWR_RD2060_02_f_2017_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD2060_242_5_20180305_00001.jpg



Landside vegetation is acceptable at LM 0.12.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	0.12	Rating **	M	Issue No.	13
LM End	0.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.295919 °	38.295611 °
				-121.746700 °	-121.745742 °
DWR ID	DWR_RD2060_03_f _ 2017_13				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Sloughing and seepage occurs near the land side toe.					
Site ID No:385					
Site Designation:LMA-212					
Repair Type: Stability					
Rating:Area of Concern					
Field Date:7/20/2017					
Notes: Moderate sloughing halfway down LS slope. Monitor for progression.					

Photo 1 of 3 : SP_2018_RD2060_243_13_20180305_00010.jpg



LM Start	0.12	Rating **	M	Issue No.	13 (cont)
LM End	0.18	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_243_13_20180305_00011.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	0.15	Rating **	A/W	Issue No.	19 (cont)
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.295738 °	38.295559 °
				-121.746293 °	-121.745583 °
DWR ID	DWR_RD2060_03_s_2017_19				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There are several signs of sloughing occurring on the slope notices after the flood event Feb. 2017 storm. 10/11/17: This issue's rating has been changed from U to A/W in consideration of the DWR 2017 Levee Evaluation Storm Site entry.					

Photo 2 of 2 : SP_2018_RD2060_243_19_20180305_00024.jpg



Just upstream of the erosion site looking downstream from the landside slope.

LM Start	0.64	Rating **	M	Issue No.	14
LM End	0.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.292197 °	38.292208 °
				-121.739661 °	-121.739611 °
DWR ID	DWR_RD2060_03_f_2017_14				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences near the edge of the crown and extends down the slope. Erosion has resulted in slippage into the waterside toe.					
Site ID No:386					
Site Designation:LMA-213					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/20/2017					
Notes:					

Photo 1 of 3 : SP_2018_RD2060_243_14_20180305_00013.jpg



* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	0.64	Rating **	M	Issue No.	14 (cont)
LM End	0.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.292197 °	38.292208 °
				-121.739661 °	-121.739611 °
DWR ID	DWR_RD2060_03_f_2017_14				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences near the edge of the crown and extends down the slope. Erosion has resulted in slippage into the waterside toe.					
Site ID No:386					
Site Designation:LMA-213					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/20/2017					
Notes:					

Photo 2 of 3 : SP_2018_RD2060_243_14_20180305_00014.jpg



Photo 3 of 3 : SP_2018_RD2060_243_14_20180305_00015.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	0.81	Rating **	M	Issue No.	15
LM End	0.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.291633 °	38.291606 °
				-121.736750 °	-121.736714 °
DWR ID	DWR_RD2060_03_f_2017_15				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately 3/4 of the way down the slope. Erosion has resulted in slippage into the waterside toe.					
Site ID No:388					
Site Designation:LMA-215					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/20/2017					
Notes: Narrow erosion on WS slope. Monitor for progression.					

No Photos

LM Start	1.12	Rating **	A/W	Issue No.	17
LM End	1.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.290539 °	38.290544 °
				-121.731603 °	-121.731494 °
DWR ID	DWR_RD2060_03_f_2017_17				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences near the crown and has resulted in slippage into the waterside toe.					
Site ID No:389					
Site Designation:LMA-216					
Repair Type: Erosion					
Rating:Critical					
Field Date:7/20/2017					
Notes: Vertical section sloughing halfway down WS slope. Continued erosion down WS slope. Recommemd repair before next high water.					

Photo 1 of 3 : SP_2018_RD2060_243_17_20180305_00018.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.12	Rating **	A/W	Issue No.	17 (cont)
LM End	1.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.290539 °	38.290544 °
				-121.731603 °	-121.731494 °
DWR ID	DWR_RD2060_03 f _ 2017_17				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences near the crown and has resulted in slippage into the waterside toe.

Site ID No: 389

Site Designation: LMA-216

Repair Type: Erosion

Rating: Critical

Field Date: 7/20/2017

Notes: Vertical section sloughing halfway down WS slope. Continued erosion down WS slope. Recommend repair before next high water.

LM Start	1.12	Rating **	A/W	Issue No.	17 (cont)
LM End	1.13	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_243_17_20180305_00019.jpg



Photo 3 of 3 : SP_2018_RD2060_243_17_20180305_00020.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.12	Rating **	A/W	Issue No.	18
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.290558 °	38.290558 °
				-121.731580 °	-121.731580 °
DWR ID	DWR_RD2060_03_s_2017_18				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The District has scheduled repairs of this site. 10/11/17: This issue's rating has been changed from U to A/W in consideration of the DWR 2017 Levee Evaluation Storm Site entry.					

LM Start	1.12	Rating **	A/W	Issue No.	18 (cont)
LM End	1.12	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2018_RD2060_243_18_20180305_00021.jpg



Looking downstream at the erosion in the waterside slope and toe.

Photo 2 of 2 : SP_2018_RD2060_243_18_20180305_00022.jpg



Looking upstream at the erosion on the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.21	Rating **	M	Issue No.	20 (cont)	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.290511 °		38.290486 °
				-121.729867 °		-121.729603 °
DWR ID	DWR_RD2060_03_f_2017_20					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences 1/4 of the way down the slope with						
slippage towards the water side toe.						
Site ID No:390						
Site Designation:LMA-217						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/20/2017						
Notes: Erosion halfway down WS slope. Monitor for progression.						

Photo 3 of 3 : SP_2018_RD2060_243_20_20180305_00027.jpg



LM Start	1.38	Rating **	M	Issue No.	21
LM End	1.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.290067 °	38.289608 °
				-121.726839 °	-121.726344 °
DWR ID	DWR_RD2060_03_f_2017_21				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description:MBK Delta Erosion Sites_6-29-2017 Site ID No:482 Site Designation:LMA-320 Repair Type: Erosion Rating:Area of Concern Field Date:8/29/2017 Notes:					

Photo 1 of 3 : SP_2018_RD2060_243_21_20180305_00028.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.38	Rating **	M	Issue No.	21 (cont)	
LM End	1.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.290067 °	38.289608 °	
				-121.726839 °	-121.726344 °	
DWR ID	DWR_RD2060_03_f_2017_21					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:MBK Delta Erosion Sites_6-29-2017						
Site ID No:482						
Site Designation:LMA-320						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:8/29/2017						
Notes:						

Photo 2 of 3 : SP_2018_RD2060_243_21_20180305_00029.jpg



LM Start	1.38	Rating **	M	Issue No.	21 (cont)
LM End	1.42	Issue Type +	Ma	Location *	

Photo 3 of 3 : SP_2018_RD2060_243_21_20180305_00030.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.45	Rating **	M	Issue No.	22 (cont)	
LM End	1.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.289256 °	38.287689 °	
				-121.726050 °	-121.724658 °	
DWR ID	DWR_RD2060_03_f _ 2017_22					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences halfway down the slope and results in						
slippage into the waterside toe.						
Site ID No:392						
Site Designation:LMA-219						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/20/2017						
Notes: Moderate erosion present on WS slope. Monitor for progression.						

Photo 3 of 3 : SP_2018_RD2060_243_22_20180305_00033.jpg



LM Start	1.52	Rating **	A/W	Issue No.	8
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.288598 °	38.286051 °
				-121.725184 °	-121.722818 °
DWR ID	DWR_RD2060_03_s_2016_8				
Comment Code					
Inspector Comment					
Site added in 1997 and removed in 2003. 2005 - Put back in the inventory. 2006 - Stone repair at the middle of the site. 2011 - Some rock place at toe in the past year. 2013 - Site extended both upstream and downstream to include new erosion pockets. 2015: No observed changes. [2015 Site ID: CHS_23-6_R]					

Photo 1 of 1 : SP_2018_RD2060_243_8_20180305_00008.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.62	Rating **	A/W	Issue No.	23
LM End	1.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.287336 °	38.287222 °
				-121.724364 °	-121.724253 °
DWR ID	DWR_RD2060_03_f_2017_23				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences halfway down the slope and results in slippage into the waterside toe. Existing rip rap has sloughed into the water side toe.					
Site ID No:393					
Site Designation:LMA-220					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/20/2017					
Notes: Moderate sloughing 8ft from WS crown. Erosion at high water mark.					

Photo 1 of 3 : SP_2018_RD2060_243_23_20180305_00034.jpg



LM Start	1.62	Rating **	A/W	Issue No.	23 (cont)
LM End	1.63	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_243_23_20180305_00035.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.62	Rating **	A/W	Issue No.	23 (cont)	
LM End	1.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.287336 °	38.287222 °	
				-121.724364 °	-121.724253 °	
DWR ID	DWR_RD2060_03_f_2017_23					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences halfway down the slope and results in slippage into the waterside toe. Existing rip rap has sloughed into the water side toe.						
Site ID No:393						
Site Designation:LMA-220						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/20/2017						
Notes: Moderate sloughing 8ft from WS crown. Erosion at high water mark.						

Photo 3 of 3 : SP_2018_RD2060_243_23_20180305_00036.jpg



LM Start	1.65	Rating **	M	Issue No.	24
LM End	1.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.286953 °	38.285939 °
				-121.723958 °	-121.723061 °
DWR ID	DWR_RD2060_03_f_2017_24				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences halfway down the slope. Existing rip rap has sloughed into the water side toe.					
Site ID No:394					
Site Designation:LMA-221					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/20/2017					
Notes: Site includes LMA-218. Erosion halfway down slope. Monitor for progression.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.84	Rating **	M	Issue No.	25
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.284825 °	38.284467 °	
			-121.721764 °	-121.720339 °	

DWR ID DWR_RD2060_03_f_2017_25

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences halfway down the slope and results in slippage into the waterside toe.

Site ID No: 395

Site Designation: LMA-222

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/20/2017

Notes: Erosion halfway down slope. Monitor for progression.

LM Start	1.84	Rating **	M	Issue No.	25 (cont)
LM End	1.92	Issue Type +	Ma	Location *	

Photo 1 of 3 : SP_2018_RD2060_243_25_20180305_00037.jpg



Photo 2 of 3 : SP_2018_RD2060_243_25_20180305_00038.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	1.84	Rating **	M	Issue No.	25 (cont)	
LM End	1.92	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.284825 °	38.284467 °	
				-121.721764 °	-121.720339 °	
DWR ID	DWR_RD2060_03_f _ 2017_25					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences halfway down the slope and results in						
slippage into the waterside toe.						
Site ID No:395						
Site Designation:LMA-222						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/20/2017						
Notes: Erosion halfway down slope. Monitor for progression.						

Photo 3 of 3 : SP_2018_RD2060_243_25_20180305_00039.jpg



LM Start	2.02	Rating **	A/W	Issue No.	1
LM End	2.08	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.284105 °	38.283302 °
				-121.718471 °	-121.717814 °
DWR ID	DWR_RD2060_03_s_2016_1				
Comment Code					
Inspector Comment					
2010 - Small maintenance site. 2015: No observed changes. [2015 Site ID: CHS_23-0_R]					

Photo 1 of 1 : SP_2018_RD2060_243_1_20180305_00001.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.02	Rating **	M	Issue No.	26
LM End	2.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.283914 °	38.283422 °	
			-121.718614 °	-121.718206 °	

DWR ID DWR_RD2060_03_f_2017_26

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences halfway down the slope and results in slippage into the waterside toe. Existing rip rap has sloughed into the water side toe.

Site ID No: 396

Site Designation: LMA-223

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/18/2017

Notes: Erosion to high water line.

LM Start	2.02	Rating **	M	Issue No.	26 (cont)
LM End	2.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : SP_2018_RD2060_243_26_20180305_00040.jpg



Photo 2 of 3 : SP_2018_RD2060_243_26_20180305_00041.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.02	Rating **	M	Issue No.	26 (cont)
LM End	2.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.283914 °	38.283422 °
				-121.718614 °	-121.718206 °
DWR ID	DWR_RD2060_03_f_2017_26				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Erosion commences halfway down the slope and results in slippage into the waterside toe. Existing rip rap has sloughed into the water side toe. Site ID No: 396 Site Designation: LMA-223 Repair Type: Erosion Rating: Area of Concern Field Date: 7/18/2017 Notes: Erosion to high water line.					

Photo 3 of 3 : SP_2018_RD2060_243_26_20180305_00042.jpg



LM Start	2.12	Rating **	A/W	Issue No.	27
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.282733 °	38.282403 °
				-121.717683 °	-121.717428 °
DWR ID	DWR_RD2060_03_f_2017_27				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Erosion commences approximately 1/4 of the way down the slope and results in slippage into the waterside toe. Site ID No: 397 Site Designation: LMA-224 Repair Type: Erosion Rating: Serious Field Date: 7/18/2017 Notes: Benched erosion with large cracks on slope above. Light veg in erosion.					

Photo 1 of 3 : SP_2018_RD2060_243_27_20180305_00043.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.18	Rating **	A/W	Issue No.	7
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.282100 °	38.281510 °
				-121.716817 °	-121.716319 °
DWR ID	DWR_RD2060_03_s_2016_7				
Comment Code					
Inspector Comment					
2007 - Geotechnical failure of midside slope and wave wash/scalloping in toe area. Stone revetment upstream and downstream of site. Similar sites are present all along the right bank downstream of this site, most could be repaired with some maintenance. 2010 - Minor new erosion. 2015: No observed changes. [2015 Site ID: CHS_22-8_R]					

Photo 1 of 1 : SP_2018_RD2060_243_7_20180305_00007.jpg



USACE 2013 Photo #1

LM Start	2.19	Rating **	A/W	Issue No.	28
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.281839 °	38.281486 °
				-121.716964 °	-121.716661 °
DWR ID	DWR_RD2060_03_f_2017_28				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description:Erosion commences approximately 1/4 of the way down the slope and results in slippage into the waterside toe. Site ID No:398 Site Designation:LMA-225 Repair Type: Erosion Rating:Serious Field Date:7/18/2017 Notes: Erosion is near vertical with light veg. Existing rip rap to the left of site.					

Photo 1 of 3 : SP_2018_RD2060_243_28_20180305_00046.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.29	Rating **	C	Issue No.	3
LM End	2.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.280919 °	38.275177 °	
			-121.715756 °	-121.709777 °	
DWR ID	DWR_RD2060_03_s_2012_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Veg site.					

No Photos

LM Start	2.30	Rating **	M	Issue No.	29
LM End	2.33	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.280667 °	38.280467 °	
			-121.715664 °	-121.715242 °	
DWR ID	DWR_RD2060_03_f_2017_29				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Erosion commences approximately halfway down the slope and results in slippage into the waterside toe. Site ID No: 399 Site Designation: LMA-226 Repair Type: Erosion Rating: Area of Concern Field Date: 7/18/2017 Notes: Vertical erosion at high water mark.					

Photo 1 of 3 : SP_2018_RD2060_243_29_20180305_00049.jpg

Could Not Find Photo

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.30	Rating **	M	Issue No.	29 (cont)
LM End	2.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.280667 °	38.280467 °
				-121.715664 °	-121.715242 °
DWR ID	DWR_RD2060_03_f _ 2017_29				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the slope and results in slippage into the waterside toe.					
Site ID No:399					
Site Designation:LMA-226					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: Vertical erosion at high water mark.					

Photo 2 of 3 : SP_2018_RD2060_243_29_20180305_00050.jpg

Could Not Find Photo

LM Start	2.30	Rating **	M	Issue No.	29 (cont)
LM End	2.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : SP_2018_RD2060_243_29_20180305_00051.jpg

Could Not Find Photo

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.35	Rating **	A/W	Issue No.	4
LM End	2.53	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.280377 °	38.278306 °
				-121.714633 °	-121.712722 °
DWR ID	DWR_RD2060_03_s_2016_4				
Comment Code					
Inspector Comment					
2008 - Small scour pockets and mid-slope wave wash. 2010 - More vegetation growth, could be fixed through maintenance. 2011 - Site extended downstream and new erosion. 2015: No observed changes. [2015 Site ID: CHS_22-6_R]					

Photo 1 of 1 : SP_2018_RD2060_243_4_20180305_00004.jpg



USACE 2013 Photo #1

LM Start	2.36	Rating **	M	Issue No.	31
LM End	2.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.280208 °	38.279336 °
				-121.714853 °	-121.714172 °
DWR ID	DWR_RD2060_03_f _ 2017_31				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the slope and results in slippage into the waterside toe.					
Site ID No:400					
Site Designation:LMA-227					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: Steep cut but protected with heavy woody veg.					

Photo 1 of 3 : SP_2018_RD2060_243_31_20180305_00052.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.55	Rating **	M	Issue No.	33
LM End	2.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.277956 °	38.277928 °
				-121.712814 °	-121.712775 °
DWR ID	DWR_RD2060_03_f _ 2017_33				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the slope and extends to the waterside toe.					
Site ID No:402					
Site Designation:LMA-229					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: Small but deep vertical cut down to water.					

Photo 1 of 3 : SP_2018_RD2060_243_33_20180305_00058.jpg



Photo 2 of 3 : SP_2018_RD2060_243_33_20180305_00059.jpg



LM Start	2.55	Rating **	M	Issue No.	33 (cont)
LM End	2.55	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

Photo 3 of 3 : SP_2018_RD2060_243_33_20180305_00060.jpg



Photo 1 of 3 : SP_2018_RD2060_243_34_20180305_00061.jpg



* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.56	Rating **	A/W	Issue No.	34 (cont)
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.277850 °	38.277706 °	
			-121.712639 °	-121.712414 °	
DWR ID	DWR_RD2060_03_f_2017_34				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Erosion commences approximately 1/4 of the way down the slope and results in sloughing into the waterside toe.

Site ID No: 403

Site Designation: LMA-230

Repair Type: Erosion

Rating: Serious

Field Date: 7/18/2017

Notes: Erosion causing sloughing. Horizontal cracks about 6' up from erosion.

Photo 2 of 3 : SP_2018_RD2060_243_34_20180305_00062.jpg



Photo 3 of 3 : SP_2018_RD2060_243_34_20180305_00063.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.64	Rating **	M	Issue No.	35
LM End	2.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.277106°	38.277078°
				-121.711489°	-121.711447°
DWR ID	DWR_RD2060_03_f _ 2017_35				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately 1/4 of the way down the slope and results in sloughing into the waterside toe.					
Site ID No:404					
Site Designation:LMA-231					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: Small erosion and sloughing adjacent to revetted slope.					

Photo 1 of 3 : SP_2018_RD2060_243_35_20180305_00064.jpg



LM Start	2.64	Rating **	M	Issue No.	35 (cont)
LM End	2.64	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_243_35_20180305_00065.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	2.69	Rating **	A/W	Issue No.	36 (cont)
LM End	2.73	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.276608 °	38.276133 °	
			-121.710811 °	-121.710394 °	

DWR ID DWR_RD2060_03_f_2017_36

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Sloughing commences approximately halfway down the slope and extends to the waterside toe.

Site ID No: 405

Site Designation: LMA-232

Repair Type: Erosion

Rating: Serious

Field Date: 7/18/2017

Notes: Vertical cut at highwater mark.

LM Start	2.69	Rating **	A/W	Issue No.	36 (cont)
LM End	2.73	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_243_36_20180305_00068.jpg



Photo 3 of 3 : SP_2018_RD2060_243_36_20180305_00069.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	3.17	Rating **	C	Issue No.	12
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.270863 °	38.270324 °
				-121.706800 °	-121.705904 °
DWR ID	DWR_RD2060_03_f_2017_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Following fire in 2012, vegetation has returned and been managed.					

No Photos

LM Start	3.24	Rating **	M	Issue No.	37
LM End	3.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.270231 °	38.270203 °
				-121.705897 °	-121.705856 °
DWR ID	DWR_RD2060_03_f_2017_37				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe. Existing rip rap has been pulled off the slope at this site.					
Site ID No:406					
Site Designation:LMA-233					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: Erosion is next to a pumphouse and slope is protected withrip rap.					

Photo 1 of 3 : SP_2018_RD2060_243_37_20180305_00070.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	3.59	Rating **	M	Issue No.	38	
LM End	3.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.266408 °	38.266047 °	
				-121.701650 °	-121.701061 °	
DWR ID	DWR_RD2060_03_f_2017_38					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:MBK Delta Erosion Sites_6-29-2017						
Site ID No:484						
Site Designation:LMA-322						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:8/29/2017						
Notes:						

Photo 1 of 2 : SP_2018_RD2060_243_38_20180305_00073.jpg



LM Start	3.59	Rating **	M	Issue No.	38 (cont)
LM End	3.63	Issue Type +	Ma	Location *	

Photo 2 of 2 : SP_2018_RD2060_243_38_20180305_00074.jpg



*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

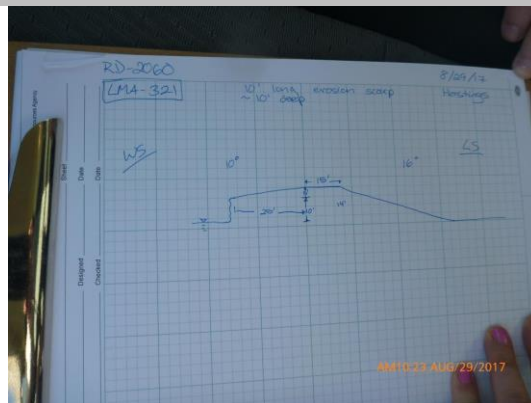
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	3.66	Rating **	M	Issue No.	39	
LM End	3.71	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.265742 °	38.265342 °	
				-121.700522 °	-121.699881 °	
DWR ID	DWR_RD2060_03_f_2017_39					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:MBK Delta Erosion Sites_6-29-2017						
Site ID No:483						
Site Designation:LMA-321						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:8/29/2017						
Notes:						

Photo 1 of 1 : SP_2018_RD2060_243_39_20180305_00075.jpg



LM Start	3.78	Rating **	A/W	Issue No.	2
LM End	4.09	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.264585 °	38.260593 °
				-121.698868 °	-121.696403 °
DWR ID	DWR_RD2060_03_s_2016_2				
Comment Code					
Inspector Comment					
2011 - Several pockets of erosion from rotational failure and slumping toe. 2013 - Site extended downstream to include new erosion pockets. 2015: No observed changes. [2015 Site ID: CHS_21-1_R]					

Photo 1 of 1 : SP_2018_RD2060_243_2_20180305_00002.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	3.82	Rating **	A/W	Issue No.	40 (cont)
LM End	3.94	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.264006 °	38.262364 °	
			-121.698811 °	-121.698103 °	
DWR ID	DWR_RD2060_03_f_2017_40				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe. Existing rip rap has been pulled off the slope at this site</p> <p>Site ID No: 410</p> <p>Site Designation: LMA-237</p> <p>Repair Type: Erosion</p> <p>Rating: Serious</p> <p>Field Date: 7/18/2017</p> <p>Notes: This site is combined with LMA-234. There is minor toe erosion along whole 631 lf, but there is a 20' wide deep erosion at 38.26347, -121.69859. That is the only location that is serious and is likely due to a collapsed beaver den.</p>					

Photo 3 of 3 : SP_2018_RD2060_243_40_20180305_00078.jpg



LM Start	3.96	Rating **	A/W	Issue No.	41
LM End	4.00	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.262114 °	38.261583 °	
			-121.697978 °	-121.697647 °	
DWR ID	DWR_RD2060_03_f_2017_41				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe.</p> <p>Site ID No: 411</p> <p>Site Designation: LMA-238</p> <p>Repair Type: Erosion</p> <p>Rating: Serious</p> <p>Field Date: 7/18/2017</p> <p>Notes: This site includes LMA-235. Wide erosion looks like several small sites merged. Heavy veg indicates slow erosion.</p>					

Photo 1 of 3 : SP_2018_RD2060_243_41_20180305_00079.jpg



* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	4.06	Rating **	A/W	Issue No.	42
LM End	4.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260789 °	38.260644 °
				-121.696964 °	-121.696828 °
DWR ID	DWR_RD2060_03_f_2017_42				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe. Existing rip rap has been pulled off the slope at this site.					
Site ID No:412					
Site Designation:LMA-239					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/17/2017					
Notes: Small erosion. Appears that site grows slowly with each high water. The center of the eosion is a deep cut that extends below rhe waterline. Possible beaver den collapse.					

Photo 1 of 3 : SP_2018_RD2060_243_42_20180305_00082.jpg



LM Start	4.06	Rating **	A/W	Issue No.	42 (cont)
LM End	4.08	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP_2018_RD2060_243_42_20180305_00083.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	4.06	Rating **	A/W	Issue No.	42 (cont)	
LM End	4.08	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.260789 °	38.260644 °	
				-121.696964 °	-121.696828 °	
DWR ID	DWR_RD2060_03_f_2017_42					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe. Existing rip rap has been pulled off the slope at this site.						
Site ID No:412						
Site Designation:LMA-239						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/17/2017						
Notes: Small erosion. Appears that site grows slowly with each high water. The center of the eosion is a deep cut that extends below rhe waterline. Possible beaver den collapse.						

Photo 3 of 3 : SP_2018_RD2060_243_42_20180305_00084.jpg



LM Start	4.06	Rating **	A/W	Issue No.	43
LM End	4.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260789 °	38.260644 °
				-121.696964 °	-121.696828 °
DWR ID	DWR_RD2060_03_f_2017_43				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe.					
Site ID No:409					
Site Designation:LMA-236					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: 3' cut to slope down to water, with a 50' deep cut. Heavy veg suggests slow progression of erosion.					

Photo 1 of 3 : SP_2018_RD2060_243_43_20180305_00085.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/28/2018 03/28/2018	Keith Millard

LM Start	4.06	Rating **	A/W	Issue No.	43 (cont)
LM End	4.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260789 °	38.260644 °
				-121.696964 °	-121.696828 °
DWR ID	DWR_RD2060_03_f_2017_43				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description:Erosion commences approximately halfway down the slope and results in sloughing into the waterside toe. Site ID No:409 Site Designation:LMA-236 Repair Type: Erosion Rating:Area of Concern Field Date:7/18/2017 Notes: 3' cut to slope down to water, with a 50' deep cut. Heavy veg suggests slow progression of erosion.					

Photo 2 of 3 : SP_2018_RD2060_243_43_20180305_00086.jpg



Photo 3 of 3 : SP_2018_RD2060_243_43_20180305_00087.jpg



LM Start	4.06	Rating **	A/W	Issue No.	43 (cont)
LM End	4.08	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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